

### Abstract Of The Disclosure

A sealing system adapted for placement into an exterior groove of a structure. The sealing system includes a seal ring having a generally 'L'-shaped cross-section. The sealing system further includes a canted-coil spring that is designed to underlie the seal ring and continually apply an outward force on the seal ring.

The seal ring includes an inner surface, an outer surface and two side surfaces. The seal ring's inner surface features a groove that increases the ring's flexibility. The seal ring's outer surface protrudes outwardly until it is pushed inwardly through contact with an inner surface of an external structure. As the outer surface moves inwardly, it causes a compression of the spring while a part of the seal ring flexes and bends about the seal ring's groove. At the same time, the outer surface becomes reoriented in a manner that causes its shape to change to a flatter configuration that is more complementary to the inner surface of the external structure. A shaped mating surface is also taught that biases the angulation of the structure having the sealing system.